

इंटरनेट

मानक

Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 5091 (1969): Dimensions for circular base plates [PGD 2: Machine Tool Elements and Holding Devices]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

BLANK PAGE



**AMENDMENT NO. 1 DECEMBER 1996
TO
IS 5091 : 1969 DIMENSIONS FOR
CIRCULAR BASE PLATES**

(Page 1, clause 2, Note) — Substitute the following for the existing note:

“Note — Dimensional deviations for untoleranced dimensions: Medium class according to IS 2102 (Part 1) : 1993 ‘General tolerances : Part 1 Tolerances for linear and angular dimensions without individual indications (third revision)’.”

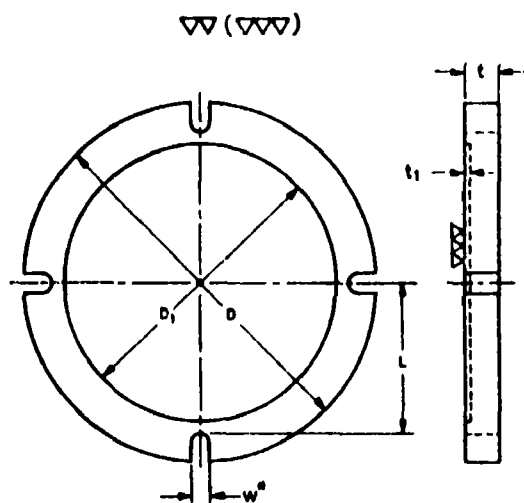
(PE 02)

Printed at : Prabhat Offset Press, New Delhi-2

Indian Standard
DIMENSIONS FOR CIRCULAR BASE PLATES

1. Scope — Dimensions and requirements for circular base plates.

2. Dimensions



All dimensions in millimetres.

D	D ₁	t		t ₁	W*	L
		Cast Iron	Steel			
100	—	20	15	—	—	—
125	—	20	15	—	—	—
160	—	20	15	—	—	—
200	—	25	20	—	—	—
250	—	25	20	—	—	—
315	230	30	25	3	22	128
355	270	35	30	3	22	148
400	310	40	35	5	22	170
450	360	45	40	5	22	195

*W may be varied according to customer's requirements.

Note — Dimensional deviation for untoleranced dimensions : medium class according to IS : 2102-1962 (Since revised).

3. Designation — A circular base plate having $D = 400$ mm and made from steel shall be designated as:

Circular Base Plate 400 IS : 5091 St

4. Material — Cast iron, hardness approximate 200 HB; or Steel, minimum tensile strength of 60 kgf/mm².

5. Finish — Free from cracks, burrs, pits and other defects.

Adopted 2 April 1969

© December 1969

Gr 1

BUREAU OF INDIAN STANDARDS
MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG
NEW DELHI 110002